13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to current year.

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: January 1953 to September 1976, March 1978 to July 1979, May to September, 1996 (discontinued).

INSTRUMENTATION .-- Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 20 °C Aug. 6, 7, 1970; minimum, 0.0 °C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 16.9 °C Aug. 30.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE INST. CUBIC FEET PER SECONI (00061	CIFIC CON- DUCT- ANCE (US/CM)		TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN DIS- SOLVEI (PER- CENT SATUR- ATION)	FORM, 0.7 0.7 UM-MF (COLS./	100 ML)
APR 16	1045	14400	379	8.1	12.0	3.5	1.0	11.2	102	K4	22
MAY 30	1100	15900	306	8.1	7.5	8.0	14	9.3	94	K11	K180
JUN 26	1400	23800	258	8.2	23.5	11.5	13	9.3	102	24	K17
JUL											
19 AUG	0910	14000	254	8.0	15.5	12.5	3.7	8.4	94	K12	K15
26 SEP	1345	9300	299	8.1	21.5	13.5	0.6	8.2	96	К9	K4
20	1115	7050	334	8.0	11.0	13.5	1.2	8.4	97	К6	31
DATE	HARI NES TOTI (MG, AS CACO (0090	S C. AL /L S :	ALCIUM DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	WATH WH F FIEI MG/L HCO	TE ER ET LD AS 3	CAR- BONATE WATER WH FET FIELD MG/L AS CO3 (00445)	ALKA- LINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)
SEP 20	150		42	10	8.0	11	1.7	15	n	0	121
DATE	SULFA DIS SOLV (MG, AS SO (0094	ATE : ;- YED S /L O4) #	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) 00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLII DIS SOLV (TOI PEI AC-F	- ED NS R	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)	
SEP 20	36		7.9	0.3	9.6	194	188		0.26	3690	
DATE	NITR GEN NITR: DIS SOLV (MG, AS 1	I, ITE N I- YED S /L N)	NITRO- GEN, O2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SED: MENT SUS PEND (MG/	[- [, - ED L)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	
APR 16	<0.0)1	0.11	0.030	<0.2	0.02	<0.01	:	8	311	
MAY 30	0.0	12	0.13	0.040	0.3	0.06	0.01	2	б	1120	
JUN 26	<0.0	1	0.10	0.040	<0.2	0.02	0.02	3:	3	2120	
JUL 19	0.0)1	0.09	0.030	<0.2	<0.01	0.02	1	7	643	
AUG 26	<0.0	1	0.09	<0.015	<0.2	0.01	0.01		4	100	
SEP 20	<0.0	1	0.12	<0.020	<0.2	<0.01	<0.01		3	57	
77 Danii 1				-11							

 $[\]ensuremath{\mathrm{K}}$ Results based on counts outside ideal colony range.

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		APRIL			MAY			JUNE	
1							11.1	7.9	9.3
2							11.2	7.9	9.4
3							11.4	7.9	9.5
4 5							11.8 11.4	8.3 8.5	10.1 9.9
5							11.4	0.5	3.3
6							11.4	8.3	9.7
7							12.0	8.5	10.1
8 9							12.0 11.8	9.1 8.9	10.4
10							11.8	8.9	10.2
11 12							11.7 11.8	9.1 9.4	10.2 10.5
13							11.8	9.4	10.5
14							12.2	9.7	10.7
15							12.0	9.9	10.7
16							12.3	9.9	11.0
17							12.6	10.1	11.1
18							11.7	10.1	10.8
19							12.2	9.9	10.8
20							12.0	10.1	11.0
21							12.2	10.4	11.2
22							12.2	10.8	11.4
23							12.0	10.3	11.1
24 25							12.5 12.5	10.8	11.6 11.6
26							12.2	11.1	
27							12.3 11.8	11.2	
28 29							12.8	10.9 10.9	11.3 11.7
30							12.9	11.2	12.0
31				10.6	8.0	9.2			
MONTH							12.9	7.9	10.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN		MIN SEPTEMB	
DAY	MAX		MEAN	MAX		MEAN			
DAY 1	MAX 13.1		MEAN 12.2	MAX 16.2		MEAN		SEPTEMB	ER
1 2	13.1 13.2	JULY 11.4 11.5	12.2 12.3	16.2 16.1	AUGUST 12.9 13.2	14.5 14.5	16.4 16.4	13.4 13.2	ER 14.9 14.8
1 2 3	13.1 13.2 13.4	JULY 11.4 11.5 11.7	12.2 12.3 12.4	16.2 16.1 15.1	AUGUST 12.9 13.2 12.6	14.5 14.5 14.0	16.4 16.4 16.4	13.4 13.2 13.2	14.9 14.8 14.9
1 2 3 4	13.1 13.2 13.4 13.4	JULY 11.4 11.5 11.7 12.0	12.2 12.3 12.4 12.7	16.2 16.1 15.1 15.6	12.9 13.2 12.6 12.6	14.5 14.5 14.0 14.0	16.4 16.4 16.4 16.4	13.4 13.2 13.2 13.7	14.9 14.8 14.9 15.1
1 2 3	13.1 13.2 13.4	JULY 11.4 11.5 11.7	12.2 12.3 12.4	16.2 16.1 15.1	AUGUST 12.9 13.2 12.6	14.5 14.5 14.0	16.4 16.4 16.4	13.4 13.2 13.2	14.9 14.8 14.9
1 2 3 4 5	13.1 13.2 13.4 13.4 13.7	JULY 11.4 11.5 11.7 12.0 12.0	12.2 12.3 12.4 12.7 12.8	16.2 16.1 15.1 15.6 15.7	12.9 13.2 12.6 12.6 12.6 13.2	14.5 14.5 14.0 14.0 14.2	16.4 16.4 16.4 15.9	13.4 13.2 13.2 13.7 14.2	14.9 14.8 14.9 15.1 14.9
1 2 3 4 5	13.1 13.2 13.4 13.4 13.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 11.7	12.2 12.3 12.4 12.7 12.8	16.2 16.1 15.1 15.6 15.7 15.6	12.9 13.2 12.6 12.6 12.6 13.2 12.3	14.5 14.5 14.0 14.0 14.2 14.3	16.4 16.4 16.4 15.9 15.9	13.4 13.2 13.2 13.7 14.2	14.9 14.8 14.9 15.1 14.9
1 2 3 4 5	13.1 13.2 13.4 13.4 13.7	JULY 11.4 11.5 11.7 12.0 12.0	12.2 12.3 12.4 12.7 12.8	16.2 16.1 15.1 15.6 15.7	12.9 13.2 12.6 12.6 12.6 13.2	14.5 14.5 14.0 14.0 14.2	16.4 16.4 16.4 15.9	13.4 13.2 13.2 13.7 14.2	14.9 14.8 14.9 15.1 14.9
1 2 3 4 5 6 7 8	13.1 13.2 13.4 13.7 13.4 13.4	JULY 11.4 11.5 11.7 12.0 12.0 11.7 11.7 12.0	12.2 12.3 12.4 12.7 12.8 12.5 12.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5	12.9 13.2 12.6 12.6 12.6 13.2 12.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.3	16.4 16.4 16.4 15.9 15.9 16.2	13.4 13.2 13.7 14.2 12.8 13.2 13.4	14.9 14.8 14.9 15.1 14.9
1 2 3 4 5 6 7 8 9	13.1 13.2 13.4 13.7 13.4 13.4 13.7 13.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 11.7 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4	13.4 13.2 13.2 13.7 14.2 12.8 13.2 13.4 13.5	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0
1 2 3 4 5 6 7 8 9 10	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7	JULY 11.4 11.5 11.7 12.0 12.0 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7	12.9 13.2 12.6 12.6 12.3 13.2 12.8 13.2 13.1	14.5 14.5 14.0 14.0 14.2 14.3 14.3 14.8 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4	13.4 13.2 13.2 13.7 14.2 12.8 13.2 13.4 13.5 13.5	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0 15.0
1 2 3 4 5 6 7 8 9	13.1 13.2 13.4 13.7 13.4 13.4 13.7 13.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 11.7 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4	13.4 13.2 13.2 13.7 14.2 12.8 13.2 13.4 13.5	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.7 12.8 12.7 12.8 12.7	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.8 13.2 13.1 13.2 13.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 15.4	13.4 13.2 13.2 13.7 14.2 12.8 13.2 13.5 13.5 14.3 14.3 14.3	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0 15.0 15.0 15.3 15.2 14.6
1 2 3 4 5 6 7 8 9 10	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.7	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.3 13.2 12.3 13.2 12.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.1	13.4 13.2 13.7 14.2 12.8 13.2 13.4 13.5 14.3 14.3	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0 15.0 15.0 15.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 13.0 13.1 13.0	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7	12.9 13.2 12.6 12.6 12.6 12.2 12.3 13.2 12.8 13.2 12.8 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 14.9 15.0 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 14.3 14.3 14.3 13.9 13.5	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 15.2 14.6 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.7 12.8 12.7 12.8 12.7	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.8 13.2 13.1 13.2 13.3 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.2	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 15.4	13.4 13.2 13.2 13.7 14.2 12.8 13.2 13.4 13.5 14.3 14.3 14.3 14.3 14.3 14.3	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 15.2 14.6 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 13.0 13.1 13.0 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.1 16.5 16.2 16.7	12.9 13.2 12.6 12.6 12.6 12.6 13.2 12.3 13.2 12.8 13.2 13.3 13.2 13.5 13.7 13.9	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 15.1 15.1	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6 15.4 15.3 14.2	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.5 13.5 14.3 14.3 14.3 13.9 13.5	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.5 13.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.7 16.7 16.7	AUGUST 12.9 13.2 12.6 12.6 12.6 12.2 12.3 13.2 12.8 13.2 12.8 13.2 13.1 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.7 12.6	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.1 15.9 15.6 15.4	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.5 14.3 13.5 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 14.5 14.5 13.6 13.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.2 12.2 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 13.0 13.1 13.0 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.1 16.5 16.2 16.7	12.9 13.2 12.6 12.6 12.6 12.6 13.2 12.3 13.2 12.8 13.2 13.3 13.2 13.5 13.7 13.9	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 15.1 15.1	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6 15.4 15.3 14.2	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.5 13.5 14.3 14.3 14.3 13.9 13.5	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.5 13.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.7 16.7 16.7	AUGUST 12.9 13.2 12.6 12.6 12.6 12.2 12.3 13.2 12.8 13.2 12.8 13.2 13.1 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.7 12.6	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.1 15.9 15.6 15.4	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.5 14.3 13.5 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 14.5 14.5 13.6 13.6
1 2 3 4 4 5 6 7 8 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0 15.3	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.3 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.0 11.8 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.1 13.1 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.1 16.5 16.2 16.7 16.5 16.4 15.9 16.1	AUGUST 12.9 13.2 12.6 12.6 12.6 12.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.7 12.6 13.4 13.9 13.7 12.6 13.4 13.9 13.7	14.5 14.5 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 15.9 15.6 15.4 14.2 14.5 14.0	13.4 13.2 13.2 13.7 14.2 12.8 13.5 13.5 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3	14.9 14.8 14.9 15.1 14.9 14.3 14.7 14.9 15.0 15.0 15.3 15.2 14.6 14.5 13.6 13.6
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 21 22 23	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.1 16.5 16.2 16.7 16.5 16.4 15.9 16.1 16.2	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.8 13.2 12.8 13.7 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.7 12.6 13.4	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 15.9 15.6 15.4 14.0	13.4 13.2 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 13.5 14.3 14.3 14.3 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.5 13.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 14.0 15.3	JULY 11.4 11.5 11.7 12.0 12.0 11.7 11.7 12.0 12.2 12.2 12.2 12.2 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.7 16.5 16.2 16.7 16.5 16.4 15.9 16.1 16.5	12.9 13.2 12.6 12.6 12.6 12.2 12.3 13.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.1 13.2	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.3 14.8	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.1 15.6 15.6 15.4	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.5 13.6
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 21 22 23	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3	12.2 12.3 12.4 12.7 12.8 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.1 16.5 16.2 16.7 16.5 16.4 15.9 16.1 16.2	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.8 13.2 12.8 13.7 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.7 12.6 13.4	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.3 14.8 15.0 14.9 15.1 14.6 14.3	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 15.9 15.6 15.4 14.0	13.4 13.2 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 13.5 14.3 14.3 14.3 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.5 13.6
1 2 3 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3 15.4 15.3	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 13.0 13.1 13.0 13.1 13.1 13.1 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.5 16.2 16.7 16.5 16.2 16.7	12.9 13.2 12.6 12.6 12.6 12.6 13.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.7 12.6 13.4	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 14.6 14.3 14.8 15.0 14.9 15.2	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6 15.4 15.3 14.2 2 14.5 14.0	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 14.3 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.2 14.6 14.5 13.9 13.6 13.6
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3 15.6 15.6 15.6 15.7 15.6 15.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2 12.3 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.1 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.1 16.5 16.2 16.7 16.4 15.9 16.1 16.5 16.4 15.9 16.1	AUGUST 12.9 13.2 12.6 12.6 12.6 12.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.7 12.6 13.4 13.2 13.2 13.3 13.7 12.6 13.4 13.9 13.7 12.9 13.1 13.2 13.2 13.3 13.3	14.5 14.5 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 15.1 14.6 14.9 15.2 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.1 15.6 15.6 15.4	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.4 13.5 14.3 14.3 14.3 13.9 13.5 14.3 14.3 14.3 15.5 15.5 16.8 17.8 18.8 18.1 18.8 18.1 18.8 18.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.6
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	13.1 13.2 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 15.6 15.6 15.6 15.6 15.6 15.6	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.3 13.9 13.5 13.6 13.7 14.0 13.8	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.1 16.5 16.2 16.7 16.5 16.2 16.7 16.4 15.9 16.1 16.2 16.4 15.9	12.9 13.2 12.6 12.6 12.6 12.3 13.2 12.8 13.2 12.8 13.7 13.9 13.4 13.9 13.7 12.6 13.4 13.2 12.9 13.1 13.2 12.6 13.4 13.9 13.7	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 14.9 15.1 15.1 14.6 14.3 14.8 14.7 14.6 14.3 14.8	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6 15.4 15.3 14.2 2 14.5 14.0	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.4 13.5 13.5 14.3 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.0 15.2 14.6 14.5 13.9 13.6 13.6
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	13.1 13.2 13.4 13.4 13.7 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3 15.6 15.6 15.6 15.7 15.6 15.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2 12.3 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.1 13.1 13.1 13.1 13.3 13.9 13.5	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.7 16.1 16.5 16.2 16.7 16.4 15.9 16.1 16.5 16.4 15.9 16.1	AUGUST 12.9 13.2 12.6 12.6 12.6 12.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.7 12.6 13.4 13.9 13.7 12.9 13.1 13.2 13.2 13.3 13.4 13.2 13.3 13.4 13.9 13.7 12.9 13.1 13.2 13.3 13.2 13.3 13.4 13.9 13.1 13.2 13.3 13.3	14.5 14.5 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 15.1 14.6 14.9 15.2 15.0 14.9 15.1 14.6 14.9	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 15.9 15.6 15.1 14.0	SEPTEMB 13.4 13.2 13.2 13.2 13.2 12.8 13.4 13.5 13.5 13.5 14.3 14.3 14.3 14.3 14.3 14.3 14.3 15.1 16.3 17.3 18.4 18.1 18.1 18.1 18.1 18.1 18.1 18.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.3 15.2 14.6 14.6 13.6
1 2 3 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	13.1 13.2 13.4 13.4 13.7 13.4 13.7 14.0 14.0 14.0 14.0 14.0 15.3 15.6 15.3 15.6 15.6 15.6 15.7	JULY 11.4 11.5 11.7 12.0 12.0 11.7 12.0 12.2 12.2 12.2 12.2 12.2 12.3 12.2 12.5 12.6 12.6 12.6 12.0 11.8 12.2 12.3 12.2 12.6 12.6 12.6 12.6 12.6 12.6 12.6	12.2 12.3 12.4 12.7 12.8 12.5 12.5 12.7 12.8 12.7 12.9 13.0 13.1 13.0 13.1 13.1 13.1 13.1 13.1	16.2 16.1 15.1 15.6 15.7 15.6 16.4 16.5 16.4 16.7 16.5 16.2 16.7 16.5 16.2 16.7 16.5 16.4 15.9 16.1 16.5 16.4 15.9 16.1	12.9 13.2 12.6 12.6 12.6 12.6 13.2 12.8 13.2 12.8 13.2 13.1 13.2 13.5 13.7 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.4 13.9 13.1 13.2 13.2 13.3	14.5 14.5 14.0 14.0 14.2 14.3 14.8 14.6 14.9 14.9 15.0 15.1 14.6 14.3 14.8 15.0 14.9 15.1 14.6 14.3 14.8 15.1 14.6 14.7 14.7 14.9 14.9 14.8	16.4 16.4 16.4 15.9 15.9 16.2 16.4 16.4 16.4 16.5 15.6 15.4 15.3 14.2 2 14.5 14.0	SEPTEMB 13.4 13.2 13.2 13.7 14.2 12.8 13.5 13.5 14.3 14.3 14.3 13.9 13.5 13.4 12.9 12.8 13.1	14.9 14.8 14.9 15.1 14.9 15.0 15.0 15.0 15.3 15.2 14.6 14.5 13.9 13.6 13.6

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to 1996 (discontinued).

COLLECTION METHODS.--Composite of 5, $0.25~\mathrm{m}^2$ samples. Richest targeted habitat--riffles, whole sample. MESH SIZE.--425 um.

AVERAGE DEPTH .-- 0.22 m.

AVERAGE PERCENT SHADING .-- 23.

AVERAGE VELOCITY .-- 0.62 m/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--4-5.

PERCENT FINES RANGE.--10.

HABITAT QUALITY INDEX.--NA.

REMARKS.--Large river, habitat diverse, riffles, bars and islands common.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996 BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM TAXON	NUMBER OF INDIV-	PERCENT COMPO-	FUNC- TIONAL FEEDING	POLLU- TION TOLER- ANCE
GENUS SPECIES DATE SEP. 12	IDUALS	SITION	GROUP	VALUE
NON-INSECTS				
Oligochaeta Bakerilymnaea bulimates Acari	37.5 262.5 112.5	0.19 1.36 0.58	CG CG PA	5 6 5
EPHEMEROPTERA				
Acentrella turbida Baetis tricaudatus Ephemerella inermis/infrequens Rhithrogena	300 4388 187.5 150	1.56 22.81 0.97 0.78	CG CG CG SC	4 6 1 0
PLECOPTERA				
Chloroperlidae	37.5	0.19	PR	1
Claassenia sabulosa	37.5	0.19	PR	3
Perlodidae-early instar Isoperla	37.5 525	0.19 2.73	PR PR	2
isoperia	525	2.73	PR	2
TRICHOPTERA				
Brachycentrus occidentalis	825	4.29	OM	1
Hydropsyche	1763	9.16	CF	4
Lepidostoma-sand case larva	150	0.78	SH	1
DIPTERA				
Simulium	4763	24.76	CF	6
CHIRONOMIDAE	407 5	0.52		
Chironomidae-pupae Cardiocladius	487.5 112.5	2.53 0.58	UN PR	6 5
Cricotopus	2325	12.09	CG	7
Cricotopus Trifascia Gr.	37.5	0.19	CG	6
Eukiefferiella	150	0.78	OM	8
Micropsectra	150	0.78	CG	7
Microtendipes	150	0.78	CG	6
Orthocladius Complex	1163	6.04	CG	6
Orthocladius Euorthocladius Pagastia	150 375	0.78 1.95	CG CG	6 1
Pagastia Paraphaenocladius	37.5	0.19	CG	4
Synorthocladius	150	0.78	CG	2
Thienemanniella	37.5	0.19	CG	6
Tvetenia	337.5	1.75	CG	5
TOTAL NUMBER OF TAXA	29		EPT ABUNDANCE	8401/m ²
TOTAL NUMBER OF ORGANISMS 192	39/m ²		NUMBER EPT TAXA	11
HILSENHOFF BIOTIC INDEX	5.28		SHANNON DIVERSITY INDEX	

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

COLLECTION METHODS.--Qualitative multiple habitat, relative abundance, whole sample.

MESH SIZE .-- 210 um.

GEAR TYPE .-- D-frame net and visual collections.

REACH LENGTH.--NA.

AVERAGE WIDTH.--NA.

HABITAT QUALITY INDEX.--NA.

REMARKS.--Large river, habitat diverse, riffles, bars and islands common.

BIOLOGICAL DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996 BENTHIC INVERTEBRATE COLLECTION DATA

				POLLU-
	NUMBER		FUNC-	TION
ORGANISM	OF	PERCENT	TIONAL	TOLER-
TAXON	INDIV-	COMPO-	FEEDING	ANCE
GENUS SPECIES DATE	IDUALS	SITION	GROUP	VALUE
SEP. 12				
NON-INSECTS				
Oligochaeta	680	3.02	CG	5
Bakerilymnaea bulimates	1040	4.63	CG	6
Acari	40	0.18	PA	5
EPHEMEROPTERA				
Acentrella turbida	120	0.53	CG	4
Baetis tricaudatus	4200	18.68	CG	6
Centroptilum	40	0.18	CG	2
Attenella margarita	40	0.18	CG	2
Ephemerella inermis/infrequens	400	1.78	CG	1
Rhithrogena	240 40	1.07 0.18	SC	4
Paraleptophlebia	40	0.18	CG	4
PLECOPTERA				
Claassenia sabulosa	40	0.18	PR	3
Isoperla	400	1.78	PR	2
15050110	100	1.70		-
TRICHOPTERA				
Brachycentrus occidentalis	321	1.42	OM	1
Micrasema	40	0.18	MH	1
Helicopsyche borealis	80	0.36	SC	3
Hydropsyche	1000	4.45	CF	4
Rhyacophila Coloradensis Gr.	40	0.18	PR	2
COLEOPTERA	40	0.10	99	4
Optioservus	40	0.18	SC	4
DIPTERA				
Simulium	2720	12.1	CF	6
DIMUII	2,20	12.1	01	· ·
CHIRONOMIDAE				
Chironomidae-pupae	640	2.85	UN	6
Cardiocladius	520	2.31	PR	5
Cricotopus	2800	12.46	CG	7
Cricotopus Trifascia Gr.	120	0.53	CG	6
Dicrotendipes	120	0.53	CG	8
Eukiefferiella	920	4.09	OM	8
Limnophyes	120	0.53	CG	8
Micropsectra	400	1.78	CG	7
Microtendipes	200	0.89	CG	6
Orthocladius Complex	1320	5.87	CG	6
Orthocladius Euorthocladius	120	0.53	CG	6
Pagastia	400 200	1.78	CG	1 4
Paraphaenocladius Phaenopsectra	200	0.89 0.89	CG SC	7
Pnaenopsectra Polypedilum	120	0.89	OM	6
Synorthocladius	120	0.53	OM CG	2
Thienemanniella	520	2.31	CG	6
Thienemannimyia Gr.	120	0.53	PR	6
Tvetenia	2000	8.9	CG	5
	2000	0.5		3

TOTAL NUMBER OF TAXA 38
TOTAL NUMBER OF ORGANISMS 22480
HILSENHOFF BIOTIC INDEX 5.53

EPT ABUNDANCE 7000 NUMBER EPT TAXA 14 SHANNON DIVERSITY INDEX (H) 4.12

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1953 to 1996, April to October 1999 (discontinued).

PERIOD OF DAILY RECORD .--

WATER TEMPERATURE: January 1953 to September 1976, March 1978 to July 1979, May 31 to September 19, 1996, May 1, 1999 to September 30, 1999 (discontinued).

INSTRUMENTATION .-- Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 20 $^{\rm o}$ C Aug. 6, 7, 1970; minimum, 0.0 $^{\rm o}$ C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 14.5 ° C Aug. 27, 29-30.

WATER-QUALITY DATA, APRIL 1999 to OCTOBER 1999

DATE	TIME (00061)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00095)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00400)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00020)	TEMPER- ATURE AIR (DEG C) (00010)	TEMPER- ATURE WATER (DEG C) (00076)	TUR- BID- ITY (NTU) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (31625)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31673)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)
APR 23	1252	9560	403	8.4	8.8	4.6	2.6	11.1	105	<1	К2
MAY 28 JUN	1022	19000	333	8.3	17.0	9.0	14	9.7	101	K18	K17
28 AUG	1400	18000	275	8.2	20.0	11.0	7.5	9.0	99	K13	55
04 SEP	1315	10800	288	8.3	27.4	13.2	2.0	9.4	109	K8	K4
28 OCT	1108	7460	345	8.4	3.0	11.1	.80	8.4	90	К3	38
12	1214	5130	366	8.4	22.0	11.2	1.4	9.3	101	K2	К9
DATE		HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PE	DDIUM RCENT 0932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRI CARB FET FIELD MG/L AS CO3 (00445	S
SEP 28.	•••	150	43	11	9.5	1	.2	1.6	150	2	
DATE		ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)	1 SC (1	LICA, DIS- DIVED MG/L AS IO2)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS DIS- SOLVED (TONS PER DAY) (70302)
SEP											
28.	• •	129	38	7.8	.35		9.3	198	.27	3990	
DATE		NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N)	Pi PE Ti (1	HOS- IORUS OTAL MG/L S P) 0665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE SUS- PENDED (T/DAY (80155))
APR 23.		<.010	.131	<.020	.12		<.050	.011	5	129	
MAY 28.		<.010	.081	.041	.39		.098	.011	71	3640	
JUN 28.		<.010	.064	<.020	.19		.063	.013	14	680	
AUG 04.		<.010	.061	<.020	.23		E.039	<.010	8	233	
SEP 28. OCT		<.010	.058	<.020	E.05		<.050	<.010	4	81	
12.		<.010	<.050	<.020	E.09		<.050	<.010	2	28	

 $^{{\}tt E}$ Positive detection, but below stated detection limit.

K Results based on counts outside ideal range.

SNAKE RIVER BASIN

13037500 SNAKE RIVER NEAR HEISE, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

				•			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	
		APRIL			MAY		
1				7.9	6.0	6.9	
2				7.7	5.9	6.3	
					5.7		
3				6.8		6.3	
4				6.8	5.1	6.0	
5				6.8	4.6	5.8	
6				8.3	4.0	5.9	
7				8.3	4.9	6.6	
8				7.7	5.5	6.6	
9				7.9	6.0	6.9	
10				7.4	5.2	6.2	
11				8.0	5.4	6.6	
12				7.7	5.9	6.9	
13				7.7	6.5	7.1	
14				8.5	6.0	7.2	
15				7.4	6.3	6.5	
13				7.1	0.5	0.5	
16				7.9	6.0	6.8	
17				8.7	5.9	7.2	
18				9.1	6.6	7.9	
19				9.3	6.8	8.1	
20				10.2	6.6	8.3	
				40.5			
21				10.7	7.1	8.9	
22				11.1	7.7	9.2	
23				11.1	7.1	9.1	
24				11.1	7.6	9.4	
25				11.4	8.2	9.8	
26				11.3	8.5	9.7	
27				11.4	8.5	9.8	
28				10.8	8.8	9.9	
29				10.2	8.7	9.4	
30				9.4	8.8	9.0	
31				9.6	8.5	9.0	
MONTH							

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		SI	EPTEMBER	ર
1 2 3 4 5	11.1 10.4 10.8 11.0 10.2	8.8 9.4 9.1 8.8 8.5	9.8 9.8 9.9 9.8 9.2	12.1 12.1 12.1 12.1 12.1	10.7 10.8 11.0 11.3 11.0	11.3 11.4 11.5 11.6 11.5	13.1 13.1 13.3 13.3	12.8 12.8 13.0 13.0 13.1	12.9 12.9 13.1 13.1 13.2	14.2 14.2 14.2 14.1 14.2	14.1 14.1 14.1 13.9 13.9	14.1 14.2 14.1 14.0 14.1
6 7 8 9 10	10.4 10.7 10.0 11.1 11.1	9.1 9.0 9.1 8.2 8.3	9.6 9.6 9.5 9.6	12.2 12.2 12.1 12.1 12.2	11.3 11.4 11.1 11.3 11.4	11.7 11.7 11.5 11.6 11.8	13.3 13.5 13.6 13.8 13.6	13.1 13.1 13.3 13.5 13.5	13.2 13.2 13.4 13.6 13.6	14.2 14.2 14.1 14.1 14.2	14.1 14.1 13.9 13.9 14.1	14.1 14.1 14.0 14.0
11 12 13 14 15	11.6 11.9 11.7 11.9 11.6	8.5 8.5 8.7 9.0 9.3	9.9 10.1 10.2 10.3 10.3	12.2 12.4 12.4 12.4 12.2	11.4 11.6 11.7 11.7	11.9 11.9 12.0 12.0	13.6 13.6 13.6 13.8 13.9	13.5 13.3 13.5 13.6 13.6	13.5 13.4 13.5 13.7 13.7	14.1 14.1 14.1 14.1 14.1	13.9 13.8 13.8 13.8	14.1 14.0 13.9 13.9 14.0
16 17 18 19 20	11.6 11.3 11.7 11.3 12.2	9.3 9.6 9.3 9.6 9.6	10.3 10.3 10.4 10.3 10.6	12.2 12.1 12.2 12.2 12.4	11.6 11.7 11.7 11.9 12.1	11.9 11.9 11.9 12.1 12.2	13.8 13.9 13.9 14.1 14.1	13.6 13.6 13.8 13.8 13.9	13.7 13.8 13.9 13.9 14.0	14.1 14.1 14.1 14.1 14.1	13.9 13.9 13.9 14.1 13.9	14.0 14.0 14.0 14.1 14.0
21 22 23 24 25	12.2 11.6 12.1 11.7 11.7	9.9 10.0 9.9 10.0 10.5	10.9 10.7 10.8 10.8 11.0	12.5 12.7 12.7 12.8 12.8	12.1 12.2 12.2 12.4 12.4	12.3 12.4 12.5 12.6 12.6	14.2 14.2 14.4 14.4	13.9 14.1 14.1 14.1 14.1	14.1 14.2 14.2 14.2 14.2	14.1 14.1 14.1 13.9 13.9	13.9 13.8 13.8 13.8	14.0 14.0 14.0 13.9 13.8
26 27 28 29 30 31	11.6 11.7 11.6 11.6	9.9 10.2 10.2 10.5 10.5	10.7 10.9 10.9 11.0 11.0	12.8 12.8 12.8 12.8 13.0 13.0	12.4 12.5 12.5 12.7 12.7 12.8	12.6 12.7 12.7 12.8 12.8 12.9	14.4 14.5 14.4 14.5 14.5	14.2 14.2 14.2 14.2 14.2	14.3 14.3 14.3 14.4 14.3	13.8 13.3 13.1 12.8 12.8	13.3 13.1 12.7 12.5 12.5	13.5 13.2 12.9 12.7 12.7
MONTH	12.2	8.2	10.3	13.0	10.7	12.1	14.5	12.8	13.7	14.2	12.5	13.9